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(74) Agent: KEIL & SCHAAFHAUSEN; Cronstettenstrasse  
66, 60322 Frankfurt am Main (DE).

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(71) Applicant (for all designated States except US): OUT-  
OKUMPU OYJ [FI/FI]; Riihitontuntie 7, FIN-02200 Es-  
poo (FI).

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(72) Inventors; and

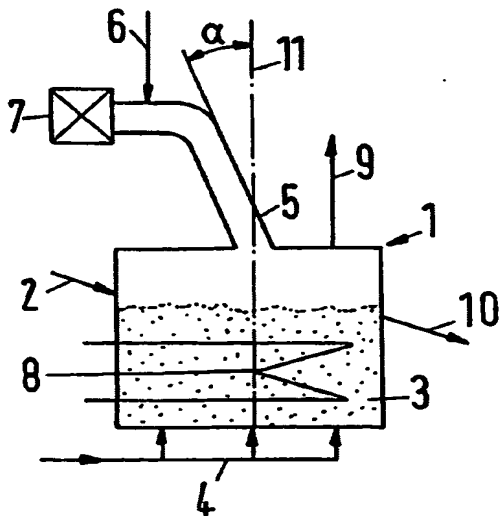
(75) Inventors/Applicants (for US only): STRÖDER,  
Michael [DE/DE]; Dürerstrasse 77, 61267 Neu-Anspach  
(DE). ANASTASIJEVIC, Nikola [DE/DE]; Zum  
Niddersteg 11, 63674 Altenstadt (DE). GERDES,  
Thorsten [DE/DE]; Talblick 4, 95448 Bayreuth (DE).  
WILLERT-PORADA, Monika [DE/DE]; Bötgerweg 5,  
95448 Bayreuth (DE).

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(54) Title: TREATMENT OF GRANULAR SOLIDS IN A FLUIDIZED BED WITH MICROWAVES



(57) Abstract: This invention relates to a method for the thermal treatment of granular solids in a fluidized bed (3, 3a) which is located in a fluidized-bed reactor (1, 1a), wherein microwave radiation is fed into the fluidized-bed reactor (1, 1a) through at least one wave guide (5), and to a corresponding plant. To improve the efficiency of the microwave irradiation, the irradiation angle of the microwaves is inclined by an angle of 10° to 50°, in particular 10° to 20°, with respect to the principal axis (11) of the fluidized-bed reactor (1, 1a).

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